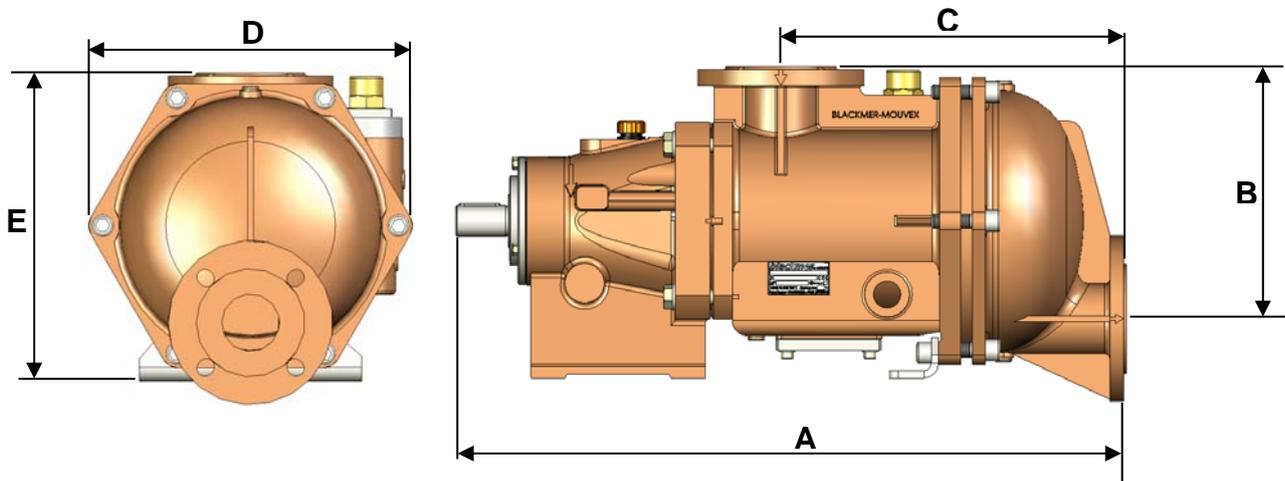




### CHARACTERISTICS

	STANDARD	AVAILABLE OPTIONS
<b>Technology</b>	Eccentric Disc Mouvex®	
<b>Maximum Flow rate at 1 cSt m<sup>3</sup>/h (GPM)</b>	<b>C12A</b> : 12 (52.83) <b>C18A</b> : 18 (79.25)	
<b>Displacement per revolution l (gal)</b>	<b>C12A</b> : 0,411 (25.08) <b>C18A</b> : 0,617 (37.71)	
<b>Ports</b>	DN 65 ISO PN16 2" ½ ANSI150	
<b>Internal relief valve</b>	With	Without
<b>Pump heating</b>	None	Heating jacket
<b>Dimensions mm (in.)</b>	<b>A</b> 745 (29.33)	
	<b>B</b> 281 (11.07)	
	<b>C</b> 384 (15.12)	
	<b>D</b> 363 (14.30)	
	<b>E</b> 347 (13.66)	
<b>Weight kg (lbs)</b>	<b>C12A</b> : 115 (254) <b>C18A</b> : 120 (265)	



### OPERATING LIMITS

<b>Minimum temperature °C (°F)</b>	-15 (5)
<b>Maximum temperature °C (°F)</b>	100 (212)
<b>Maximum dynamic in-pump viscosity cP</b>	3000
<b>Maximum differential pressure bar (psi)</b>	C12A : 9 (130) C18A : 6 (87)
<b>Maximum inlet pressure barg (psig)</b>	Process : 1 (14.5) Pump stopped : 6 (87)
<b>Maximum speed rpm</b>	530
<b>Maximum solid particle size mm (in)</b>	2 (0.079)
<b>Maximum soft particle size mm (in)</b>	10 (0.394)

### MATERIALS OF CONSTRUCTION

Part No	PART NAME	STANDARD MATERIALS	AVAILABLE OPTIONS
101	Inlet Manifold	Ductile Iron EN-GJS-500-7 / GGG50	
201	Cylinder	Ductile Iron EN-GJS-500-7 / GGG50	
301	Disc	Ductile Iron EN-GJS-600-3 / GGG60	
304	Disc Nut	Stainless steel 1.4404	
401	Front cover	Ductile Iron EN-GJS-500-7 / GGG50	
	Bolts, nuts	Carbon steel	
	<b>Transmission Assembly</b>		
	Bearings	Ball / Roller / Needle	
596	Bellows Assembly	316Ti & 316 L Stainless Fabrication	
	Housing	Ductile iron EN-GJS-500-7 / GGG50	
	Screws	Steel	
	Transmission Lubricant	Synthetic oil	
	Seal Rings	Fluorocarbon (FKM) O-Rings	PTFE Encapsulated O-rings

